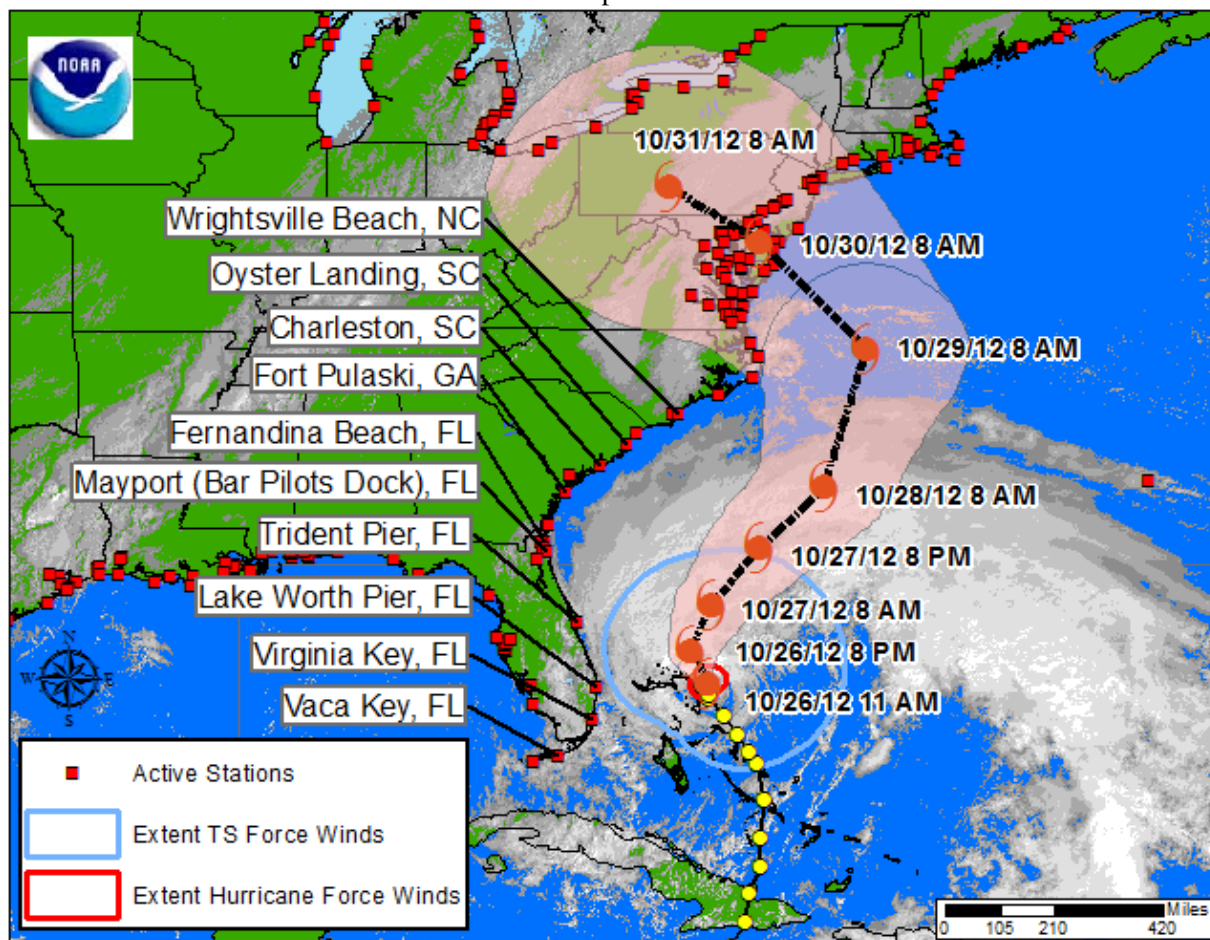




Hurricane SANDY QuickLook
Posted: 12:00 EDT 10/26/2012



NOAA and NOAA Partnership Stations Relative to the Storm



Storm Analysis

As of 10/26/2012 12:00 EDT, water levels from the Florida Keys to North Carolina are elevated between 0.7 and 2.0 feet above tidal predictions. Winds range from 10 to 35 knots, with gusts of up to 45 knots observed at Lake Worth Pier, FL. Barometric pressure continues to fall across the region.

Water Level and Meteorological plots available below are updated automatically. Water level predictions relative to Mean Lower Low Water are:

Vaca Key, FL: Next predicted high tides are 1.0 ft (0.30 m) at 10/26/2012 13:19 EDT and 1.1 ft (0.33 m) at 10/27/2012 01:13 EDT.

Virginia Key, FL: Next predicted high tides are 2.6 ft (0.79 m) at 10/26/2012 19:23 EDT and 2.7 ft (0.82 m) at 10/27/2012 07:57 EDT.

Hurricane SANDY QuickLook, POSTED 12:00 EDT 10/26/2012

Lake Worth Pier, FL: Next predicted high tides are 3.2 ft (0.99 m) at 10/26/2012 18:34 EDT and 3.5 ft (1.08 m) at 10/27/2012 07:05 EDT.

Trident Pier, FL: Next predicted high tides are 3.9 ft (1.20 m) at 10/26/2012 18:15 EDT and 4.4 ft (1.35 m) at 10/27/2012 06:46 EDT.

Mayport (Bar Pilots Dock), FL: Next predicted high tides are 5.3 ft (1.61 m) at 10/26/2012 19:15 EDT and 5.6 ft (1.74 m) at 10/27/2012 07:40 EDT.

Fernandina Beach, FL: Next predicted high tides are 6.7 ft (2.03 m) at 10/26/2012 19:20 EDT and 7.1 ft (2.19 m) at 10/27/2012 07:43 EDT.

Fort Pulaski, GA: Next predicted high tides are 7.5 ft (2.27 m) at 10/26/2012 18:33 EDT and 7.9 ft (2.44 m) at 10/27/2012 06:51 EDT.

Charleston, SC: Next predicted high tides are 5.8 ft (1.77 m) at 10/26/2012 18:26 EDT and 6.1 ft (1.89 m) at 10/27/2012 06:47 EDT.

Oyster Landing (N. Inlet Estuary), SC: Next predicted high tides are 5.0 ft (1.54 m) at 10/26/2012 18:52 EDT and 5.4 ft (1.65 m) at 10/27/2012 07:25 EDT.

Wrightsville Beach, NC: Next predicted high tides are 4.2 ft (1.29 m) at 10/26/2012 17:46 EDT and 4.7 ft (1.45 m) at 10/27/2012 06:12 EDT.

For additional data, please see the [Center for Operational Oceanographic Products & Services](#) website. For information on Highest Astronomical Tide (HAT), NAVD88 and other datums, please see [Tidal Datums](#). For more information or archived products and reports, please see the [Storm QuickLook](#) Homepage.

Analyst:KG

SELECT [NATIONAL HURRICANE CENTER](#) ADVISORY INFORMATION:

HURRICANE SANDY ADVISORY NUMBER 17
1100 AM EDT FRI OCT 26 2012

...SANDY MOVING SLOWLY NORTHWARD NEAR GREAT ABACO ISLAND...

WATCHES AND WARNINGS

CHANGES WITH THIS ADVISORY...

THE GOVERNMENT OF THE BAHAMAS HAS DISCONTINUED THE TROPICAL STORM WARNING FOR THE CENTRAL BAHAMAS...AND REPLACED THE HURRICANE WARNING WITH A TROPICAL STORM WARNING FOR THE NORTHWEST BAHAMAS EXCEPT FOR GREAT ABACO AND GRAND BAHAMA ISLANDS.

THE TROPICAL STORM WATCH FOR THE FLORIDA KEYS SOUTH OF OCEAN REEF TO CRAIG KEY AND FOR FLORIDA BAY HAS BEEN DISCONTINUED.

SUMMARY OF WATCHES AND WARNINGS IN EFFECT...

A HURRICANE WARNING IS IN EFFECT FOR...

- * GREAT ABACO AND GRAND BAHAMA ISLANDS

A TROPICAL STORM WARNING IS IN EFFECT FOR...

- * FLORIDA EAST COAST FROM OCEAN REEF TO FLAGLER BEACH

- * LAKE OKEECHOBEE

- * THE NORTHWEST BAHAMAS EXCEPT FOR GREAT ABACO AND GRAND BAHAMA ISLANDS

A TROPICAL STORM WATCH IS IN EFFECT FOR...

- * SAVANNAH RIVER TO OREGON INLET NORTH CAROLINA

- * PAMLICO SOUND

- * FLORIDA EAST COAST FROM NORTH OF FLAGLER BEACH TO FERNANDINA BEACH

INTERESTS ELSEWHERE ALONG THE EAST COAST OF THE UNITED STATES SHOULD MONITOR THE PROGRESS OF SANDY.

A HURRICANE WARNING MEANS THAT HURRICANE CONDITIONS ARE EXPECTED SOMEWHERE WITHIN THE WARNING AREA.

A TROPICAL STORM WARNING MEANS THAT TROPICAL STORM CONDITIONS ARE EXPECTED SOMEWHERE WITHIN THE WARNING AREA.

A TROPICAL STORM WATCH MEANS THAT TROPICAL STORM CONDITIONS ARE POSSIBLE WITHIN THE WATCH AREA.

FOR STORM INFORMATION SPECIFIC TO YOUR AREA IN THE UNITED STATES... INCLUDING POSSIBLE INLAND WATCHES AND WARNINGS... PLEASE MONITOR PRODUCTS ISSUED BY YOUR LOCAL NATIONAL WEATHER SERVICE FORECAST OFFICE. FOR STORM INFORMATION SPECIFIC TO YOUR AREA OUTSIDE THE UNITED STATES... PLEASE MONITOR PRODUCTS ISSUED BY YOUR NATIONAL METEOROLOGICAL SERVICE.

DISCUSSION AND 48-HOUR OUTLOOK

AT 1100 AM EDT...THE CENTER OF HURRICANE SANDY WAS LOCATED NEAR LATITUDE 26.7 NORTH...LONGITUDE 76.9 WEST. SANDY IS MOVING TOWARD THE NORTH NEAR 6 MPH...AND A GENERAL NORTHWARD MOTION IS EXPECTED TO CONTINUE TODAY AND TONIGHT... FOLLOWED BY A TURN TOWARD THE NORTH-NORTHEAST WITH AN INCREASE IN FORWARD SPEED ON SATURDAY...AND A TURN TOWARD THE NORTHEAST ON SUNDAY. ON THE FORECAST TRACK...THE CENTER OF SANDY WILL MOVE AWAY FROM THE NORTHWESTERN BAHAMAS TONIGHT.

MAXIMUM SUSTAINED WINDS ARE NEAR 80 MPH...WITH HIGHER GUSTS. SANDY IS A

CATEGORY ONE HURRICANE ON THE SAFFIR-SIMPSON HURRICANE WIND SCALE. SOME WEAKENING IS POSSIBLE DURING THE NEXT DAY OR SO.

HURRICANE FORCE WINDS EXTEND OUTWARD UP TO 35 MILES...FROM THE CENTER...AND TROPICAL STORM FORCE WINDS EXTEND OUTWARD UP TO 275 MILES. A NATIONAL OCEAN SERVICE SITE AT LAKE WORTH RECENTLY REPORTED SUSTAINED WINDS OF 47 MPH...WITH A GUST TO 53 MPH.

THE MINIMUM CENTRAL PRESSURE ESTIMATED FROM HURRICANE HUNTER AIRCRAFT DATA IS 970 MB.

HAZARDS AFFECTING LAND

WIND...HURRICANE CONDITIONS WILL CONTINUE IN THE HURRICANE WARNING AREA OVER THE NORTHWESTERN BAHAMAS FOR THE NEXT SEVERAL HOURS. TROPICAL STORM CONDITIONS ARE EXPECTED TO CONTINUE TO SPREAD NORTHWARD IN THE WARNING AREA ALONG THE EAST COAST OF FLORIDA TODAY AND TONIGHT...AND ARE POSSIBLE IN THE WATCH AREA IN FLORIDA TONIGHT AND SATURDAY. TROPICAL STORM CONDITIONS ARE POSSIBLE IN THE WATCH AREA IN THE CAROLINAS SATURDAY AND SATURDAY NIGHT.

RAINFALL...SANDY IS EXPECTED TO PRODUCE TOTAL RAINFALL AMOUNTS OF 6 TO 12 INCHES ACROSS HAITI AND THE DOMINICAN REPUBLIC..WITH ISOLATED MAXIMUM TOTALS OF 20 INCHES POSSIBLE. THESE RAINS MAY PRODUCE LIFE-THREATENING FLASH FLOODS AND MUD SLIDES...ESPECIALLY IN AREAS OF MOUNTAINOUS TERRAIN. RAINFALL TOTALS OF 3 TO 6 INCHES ARE EXPECTED OVER PORTIONS OF THE BAHAMAS..WITH ISOLATED MAXIMUM AMOUNTS OF 12 INCHES POSSIBLE. RAINFALL TOTALS OF 1 TO 3 INCHES ARE EXPECTED ACROSS THE FLORIDA KEYS INTO SOUTHEASTERN AND EAST-CENTRAL FLORIDA WITH ISOLATED MAXIMUM AMOUNTS OF 6 INCHES POSSIBLE. RAINFALL TOTALS OF 4 TO 8 INCHES ARE POSSIBLE OVER FAR EASTERN NORTH CAROLINA.

STORM SURGE...THE COMBINATION OF A DANGEROUS STORM SURGE AND THE TIDE WILL CAUSE NORMALLY DRY AREAS NEAR THE COAST TO BE FLOODED BY RISING WATERS. THE WATER COULD REACH THE FOLLOWING DEPTHS ABOVE GROUND IF THE PEAK SURGE OCCURS AT THE TIME OF HIGH TIDE...

WARNING AREAS IN THE BAHAMAS...3 TO 5 FT
FLORIDA COAST WITHIN WARNING AREA...1 TO 3 FT

SURGE-RELATED FLOODING DEPENDS ON THE RELATIVE TIMING OF THE SURGE AND THE TIDAL CYCLE...AND CAN VARY GREATLY OVER SHORT DISTANCES.
FOR INFORMATION SPECIFIC TO YOUR AREA... PLEASE SEE PRODUCTS ISSUED BY YOUR LOCAL WEATHER OFFICE.

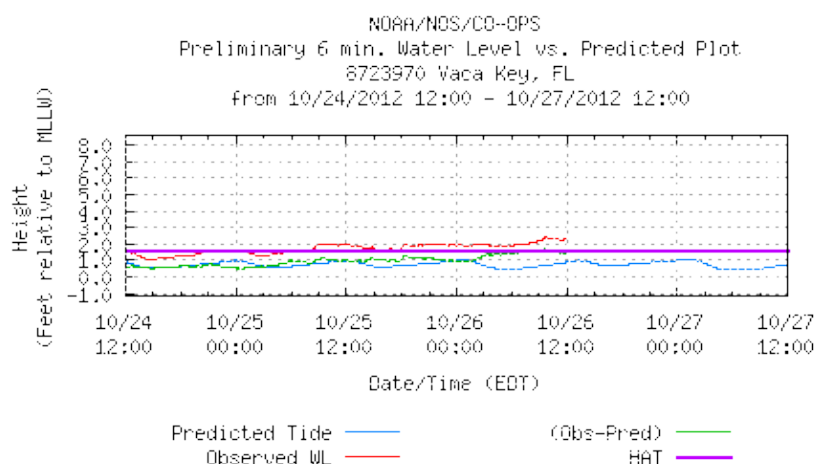
FORECASTER PASCH

Hurricane SANDY QuickLook, POSTED 12:00 EDT 10/26/2012

For the purpose of timely release, data contained within this QuickLook have undergone a "limited" NOS Quality Assurance/Control; however, the data have not yet undergone final verification. All data subject to NOS verification.

Jump to: [Vaca Key - Water Level](#), [Vaca Key - Winds](#), [Vaca Key - Barometric](#), [Virginia Key - Water Level](#), [Virginia Key - Winds](#), [Virginia Key - Barometric](#), [Lake Worth Pier - Water Level](#), [Lake Worth Pier - Winds](#), [Lake Worth Pier - Barometric](#), [Trident Pier - Water Level](#), [Trident Pier - Winds](#), [Trident Pier - Barometric](#), [Mayport \(Bar Pilots Dock\) - Water Level](#), [Mayport \(Bar Pilots Dock\) - Winds](#), [Mayport \(Bar Pilots Dock\) - Barometric](#), [Fernandina Beach - Water Level](#), [Fernandina Beach - Winds](#), [Fernandina Beach - Barometric](#), [Fernandina Beach - Air/Water Temp](#), [Fort Pulaski - Water Level](#), [Fort Pulaski - Winds](#), [Fort Pulaski - Barometric](#), [Fort Pulaski - Air/Water Temp](#), [Charleston - Water Level](#), [Charleston - Winds](#), [Charleston - Barometric](#), [Charleston - Air/Water Temp](#), [Oyster Landing \(N. Inlet Estuary\) - Water Level](#), [Wrightsville Beach - Water Level](#), [Wrightsville Beach - Winds](#), [Wrightsville Beach - Barometric](#), [Wrightsville Beach - Air/Water Temp](#),

Vaca Key, FL - Return to List

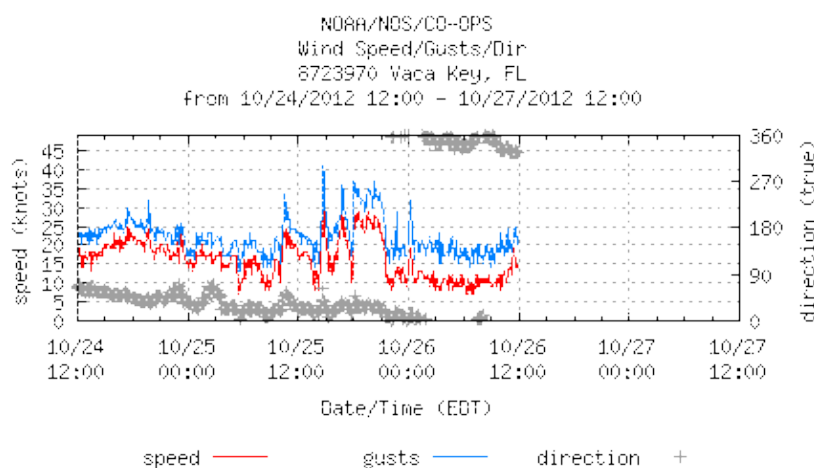


Last Observed Sample: 10/26/2012 11:48 (EDT)

Relative to MLLW: **Observed: 2.28 ft.** **Predicted: 0.88 ft.** **Residual: 1.40 ft.**

Historical Maximum Water Level: Oct 24 2005, 5.8 ft. above MHHW

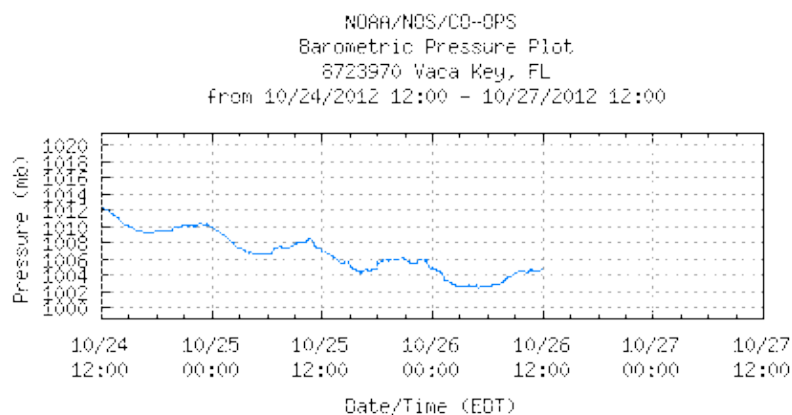
Vaca Key, FL - Return to List



Last Observed Sample: 10/26/2012 11:48 (EDT)

Wind Speed: 14 knots **Gusts: 20 knots** **Direction: 328° T**

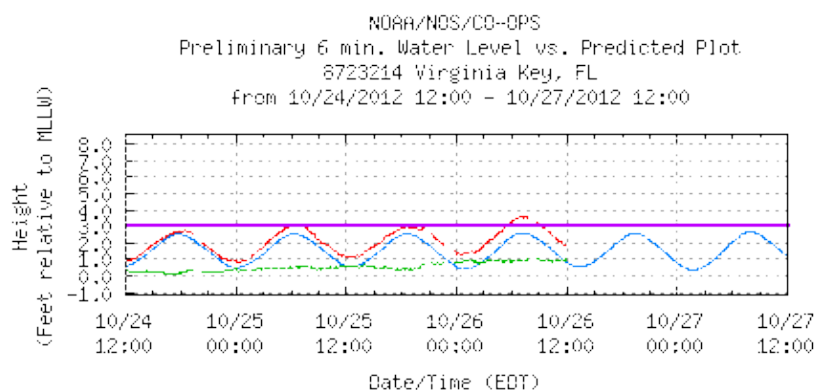
Vaca Key, FL - Return to List



Last Observed Sample: 10/26/2012 11:48 (EDT)

Barometric Pressure: 1004.7 mb

Virginia Key, FL - Return to List

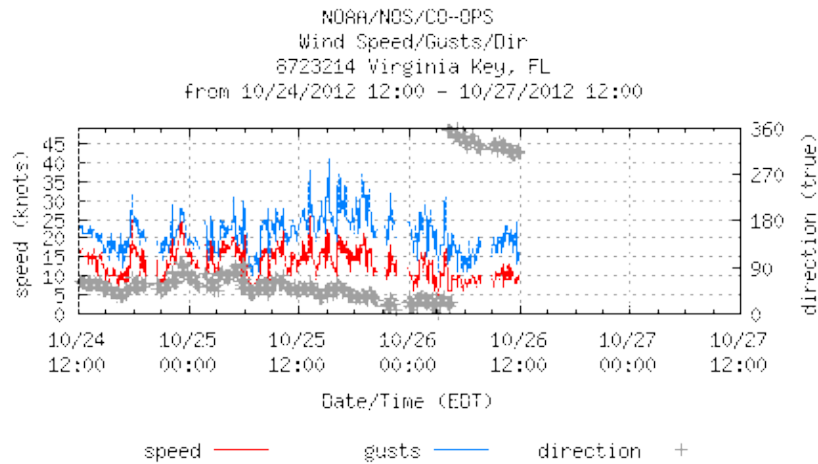


Last Observed Sample: 10/26/2012 11:54 (EDT)

Relative to MLLW: **Observed: 1.86 ft.** **Predicted: 0.86 ft.** **Residual: 1.00 ft.**

Historical Maximum Water Level: Oct 24 2005, 2.58 ft. above MHHW

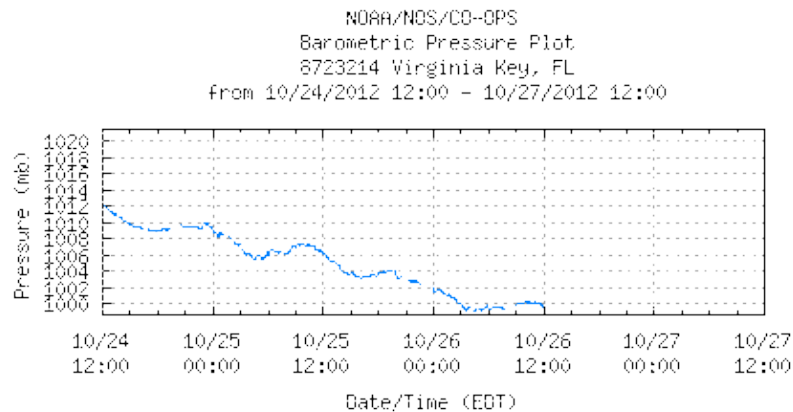
Virginia Key, FL - Return to List



Last Observed Sample: 10/26/2012 11:54 (EDT)

Wind Speed: 9 knots Gusts: 14 knots Direction: 313° T

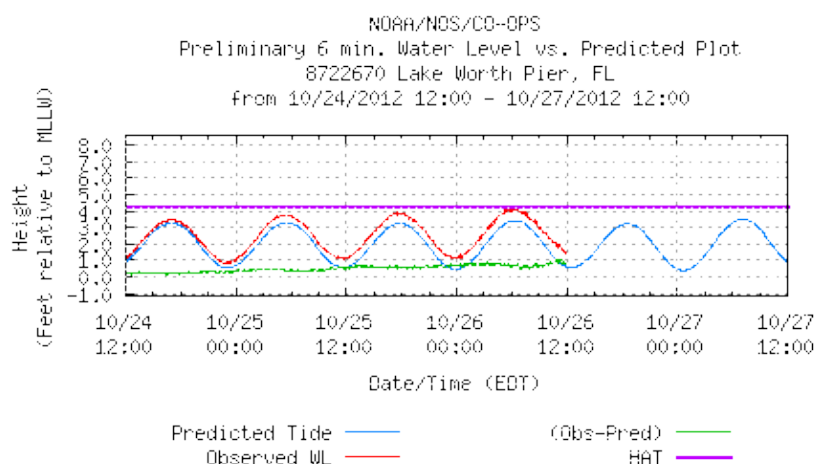
Virginia Key, FL - Return to List



Last Observed Sample: 10/26/2012 11:54 (EDT)

Barometric Pressure: 999.7 mb

Lake Worth Pier, FL - Return to List

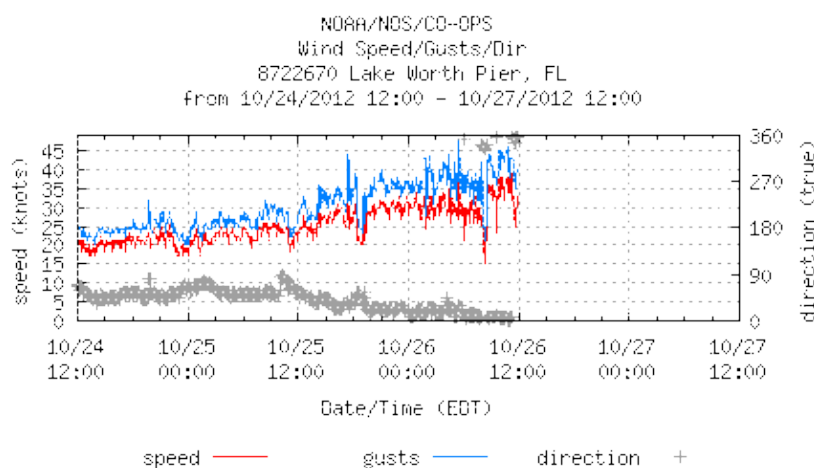


Last Observed Sample: 10/26/2012 11:48 (EDT)

Relative to MLLW: **Observed: 1.44 ft.** **Predicted: 0.66 ft.** **Residual: 0.78 ft.**

Historical Maximum Water Level: Nov 23 1984, 1.88 ft. above MHHW

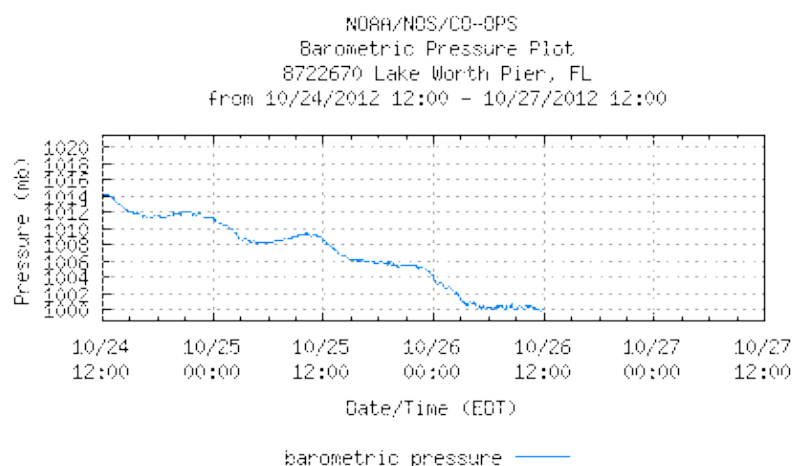
Lake Worth Pier, FL - Return to List



Last Observed Sample: 10/26/2012 11:48 (EDT)

Wind Speed: 33 knots **Gusts: 40 knots** **Direction: 358° T**

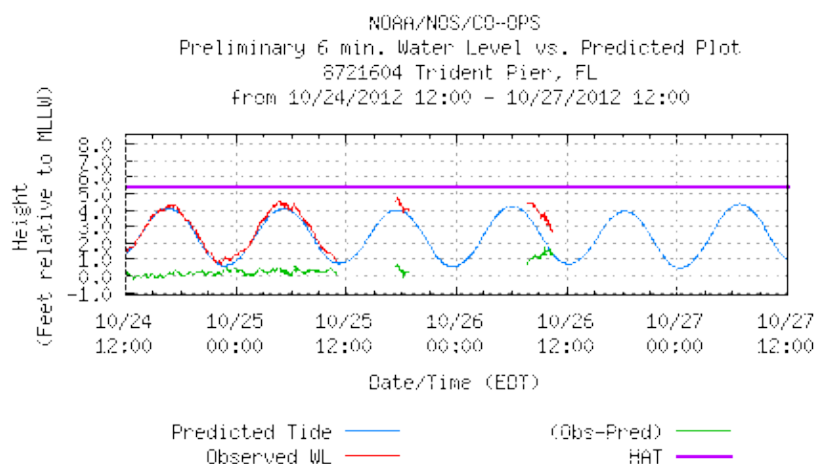
Lake Worth Pier, FL - Return to List



Last Observed Sample: 10/26/2012 11:48 (EDT)

Barometric Pressure: 1000.0 mb

Trident Pier, FL - Return to List

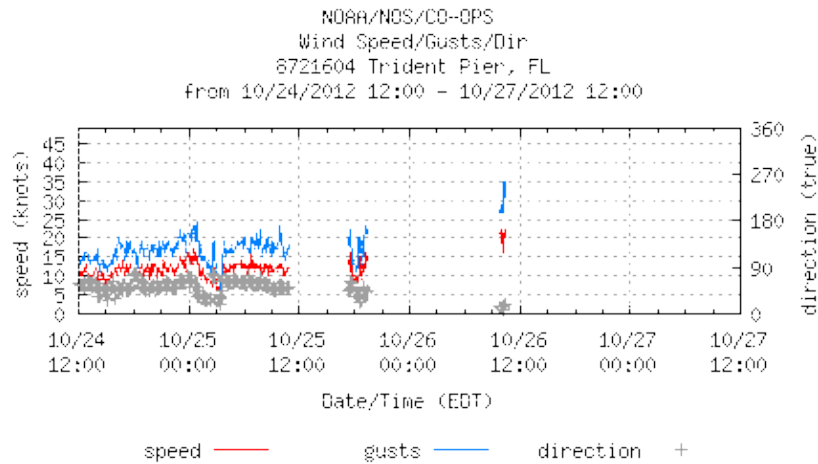


Last Observed Sample: 10/26/2012 10:30 (EDT)

Relative to MLLW: Observed: 2.77 ft. Predicted: 1.31 ft. Residual: 1.46 ft.

Historical Maximum Water Level: Sep 26 2004, 4.01 ft. above MHHW

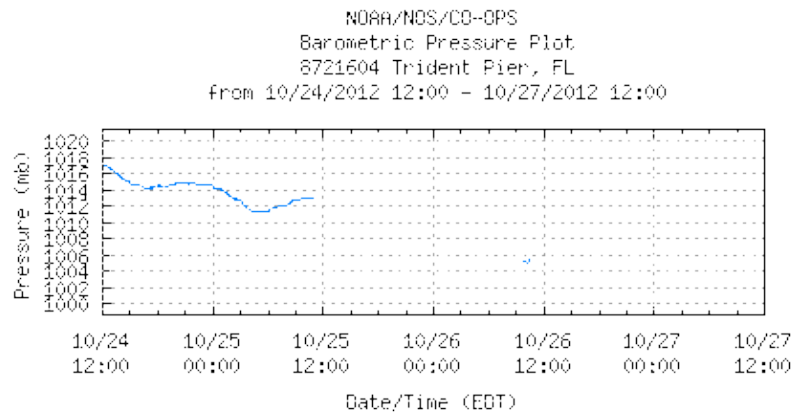
Trident Pier, FL - Return to List



Last Observed Sample: 10/26/2012 10:30 (EDT)

Wind Speed: 22 knots Gusts: 31 knots Direction: 18° T

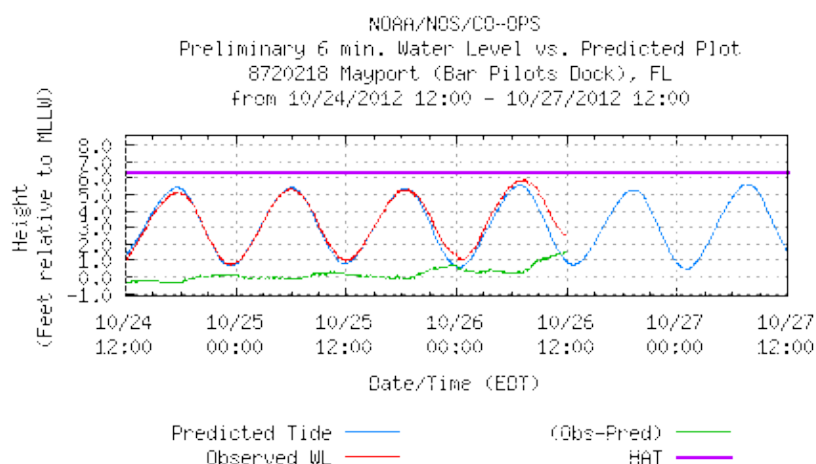
Trident Pier, FL - Return to List



Last Observed Sample: 10/26/2012 10:30 (EDT)

Barometric Pressure: 1005.5 mb

Mayport (Bar Pilots Dock), FL - Return to List

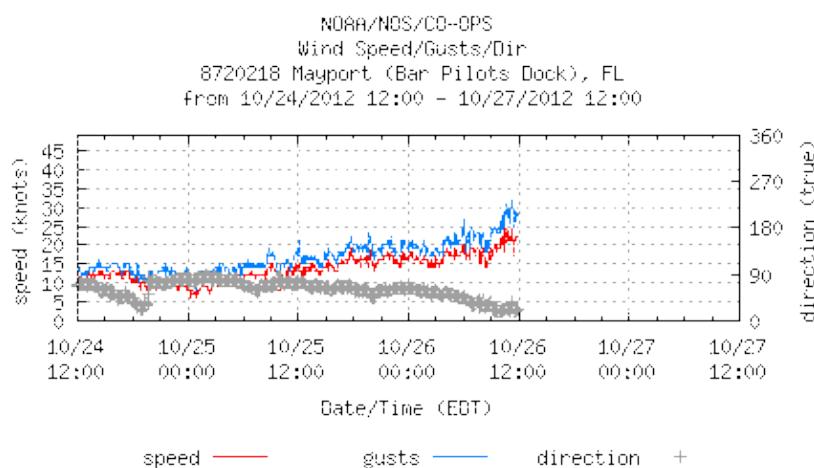


Last Observed Sample: 10/26/2012 11:48 (EDT)

Relative to MLLW: **Observed: 2.54 ft.** **Predicted: 1.04 ft.** **Residual: 1.50 ft.**

Historical Maximum Water Level: Sep 27 2004, 2.47 ft. above MHHW

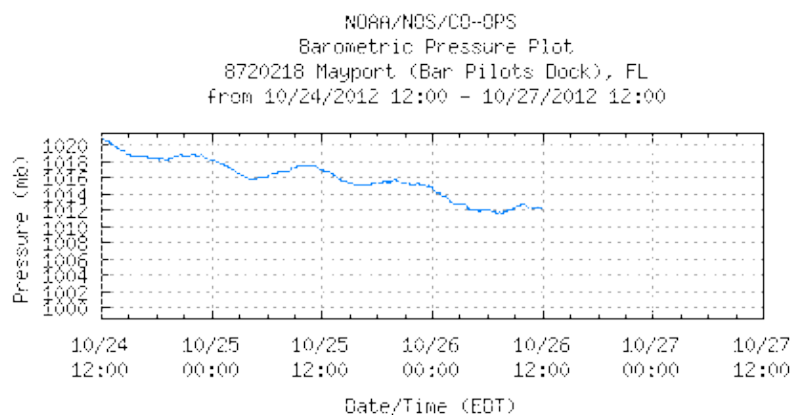
Mayport (Bar Pilots Dock), FL - Return to List



Last Observed Sample: 10/26/2012 11:48 (EDT)

Wind Speed: 22 knots **Gusts: 28 knots** **Direction: 22° T**

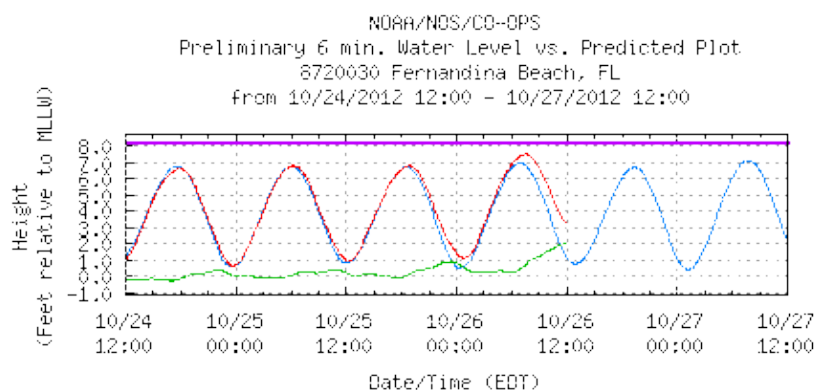
Mayport (Bar Pilots Dock), FL - Return to List



Last Observed Sample: 10/26/2012 11:48 (EDT)

Barometric Pressure: 1012.3 mb

Fernandina Beach, FL - Return to List

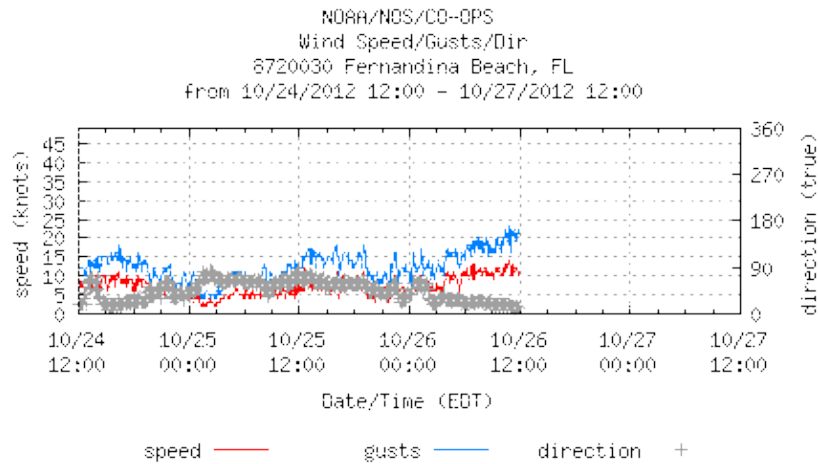


Last Observed Sample: 10/26/2012 11:48 (EDT)

Relative to MLLW: **Observed: 3.27 ft.** **Predicted: 1.31 ft.** **Residual: 1.96 ft.**

Historical Maximum Water Level: Oct 2 1898, 6.94 ft. above MHHW

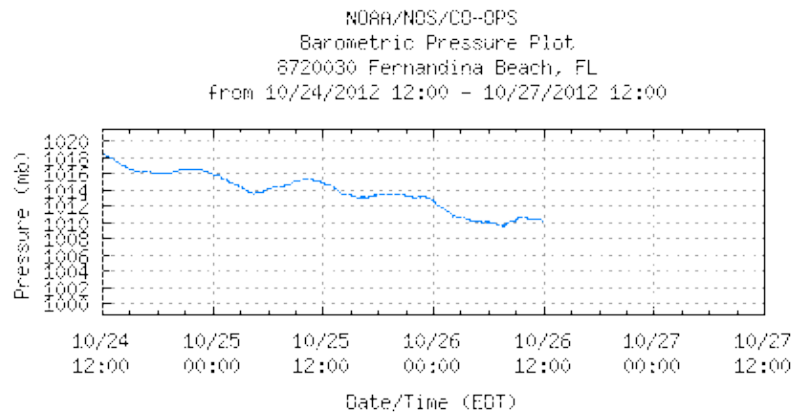
[Fernandina Beach, FL - Return to List](#)



Last Observed Sample: 10/26/2012 11:48 (EDT)

Wind Speed: 10 knots Gusts: 22 knots Direction: 11° T

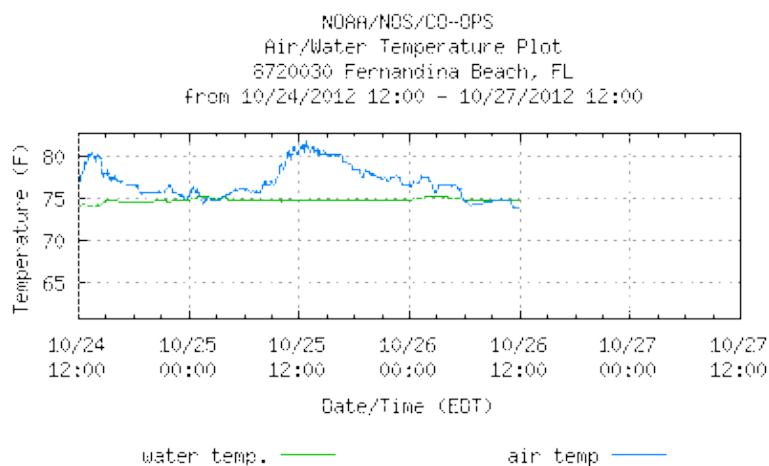
[Fernandina Beach, FL - Return to List](#)



Last Observed Sample: 10/26/2012 11:48 (EDT)

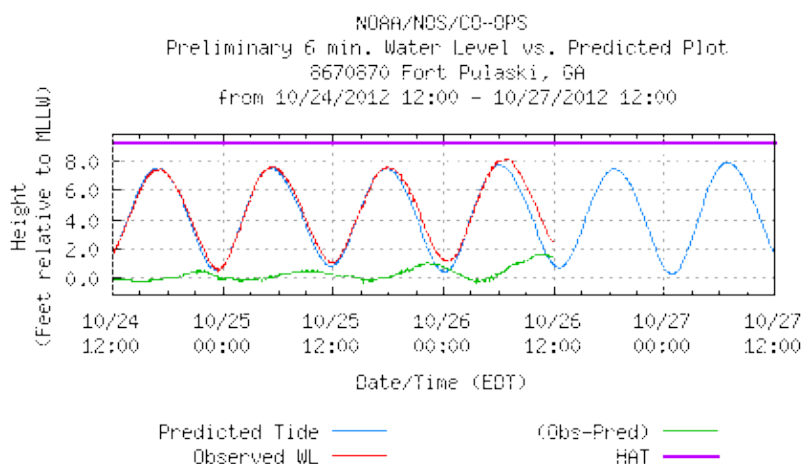
Barometric Pressure: 1010.3 mb

Fernandina Beach, FL - Return to List



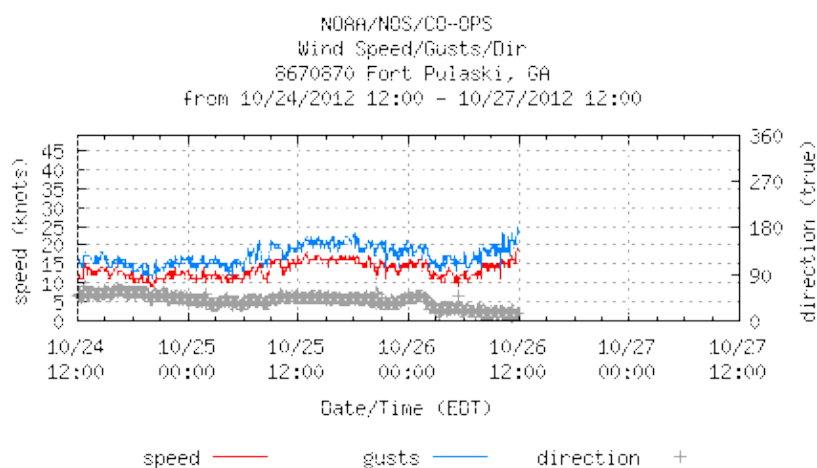
Last Observed Sample: 10/26/2012 11:48 (EDT)
Water Temperature: 74.8° F Air Temperature: 73.9° F

Fort Pulaski, GA - Return to List



Last Observed Sample: 10/26/2012 11:48 (EDT)
Relative to MLLW: Observed: 2.46 ft. Predicted: 1.03 ft. Residual: 1.43 ft.
Historical Maximum Water Level: Oct 15 1947, 3.4 ft. above MHHW

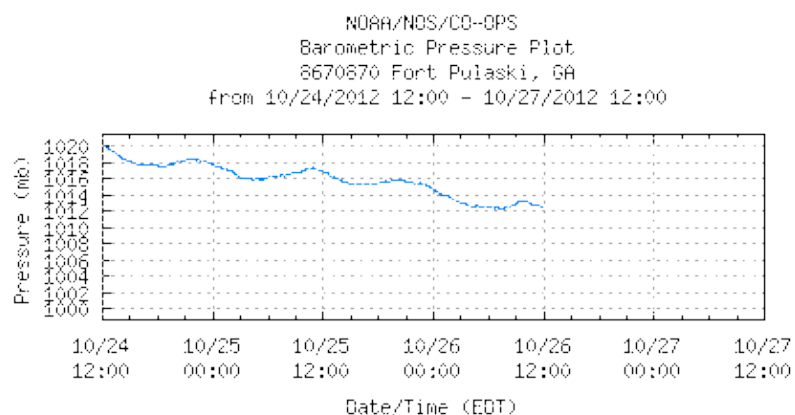
[Fort Pulaski, GA - Return to List](#)



Last Observed Sample: 10/26/2012 11:48 (EDT)

Wind Speed: 19 knots Gusts: 25 knots Direction: 13° T

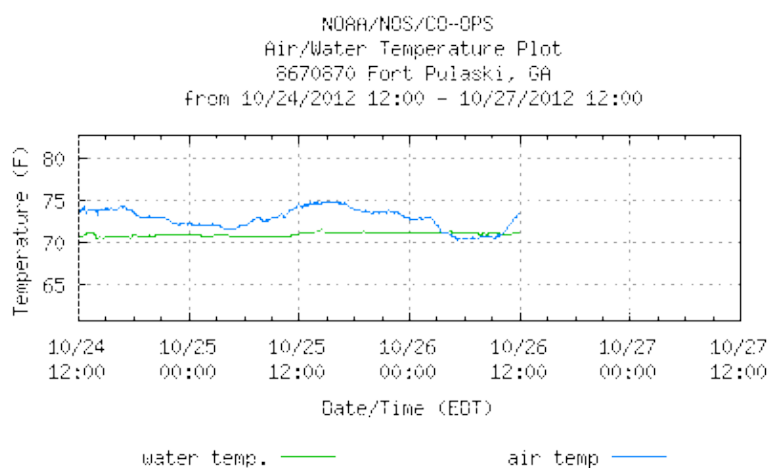
[Fort Pulaski, GA - Return to List](#)



Last Observed Sample: 10/26/2012 11:48 (EDT)

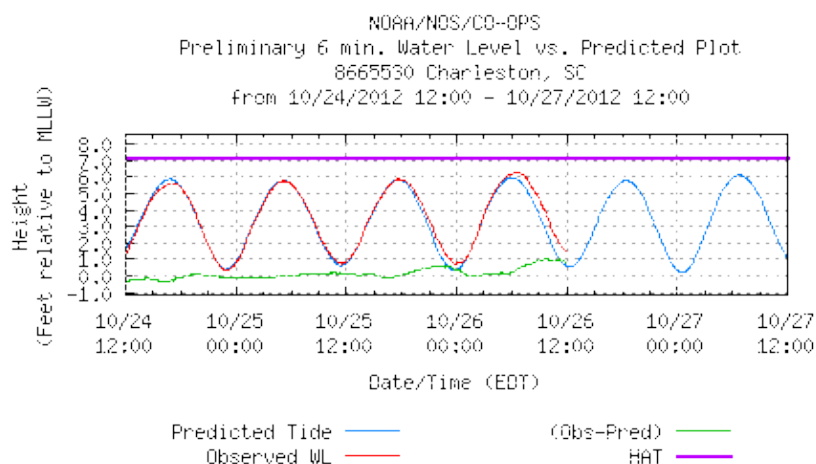
Barometric Pressure: 1012.5 mb

Fort Pulaski, GA - Return to List



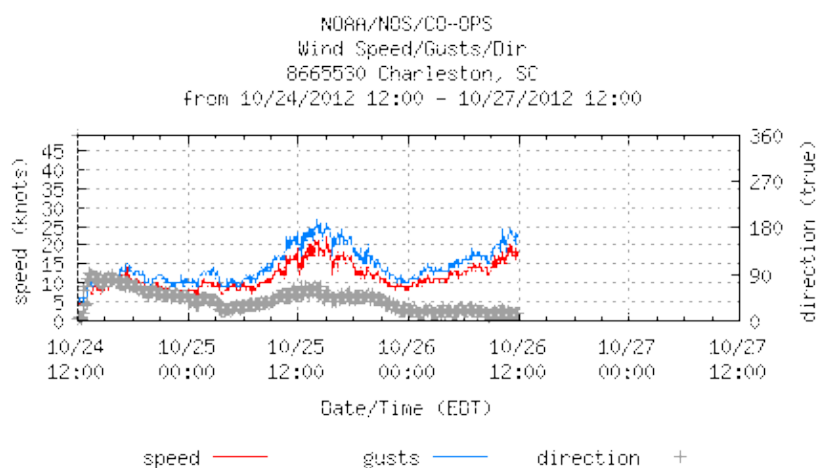
Last Observed Sample: 10/26/2012 11:48 (EDT)
Water Temperature: 71.1° F Air Temperature: 73.4° F

Charleston, SC - Return to List



Last Observed Sample: 10/26/2012 11:48 (EDT)
Relative to MLLW: Observed: 1.52 ft. Predicted: 0.66 ft. Residual: 0.86 ft.
Historical Maximum Water Level: Sep 21 1989, 6.76 ft. above MHHW

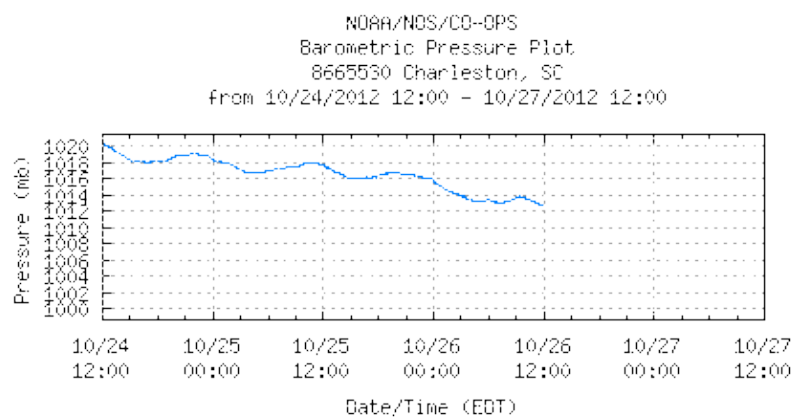
[Charleston, SC - Return to List](#)



Last Observed Sample: 10/26/2012 11:48 (EDT)

Wind Speed: 17 knots Gusts: 22 knots Direction: 16° T

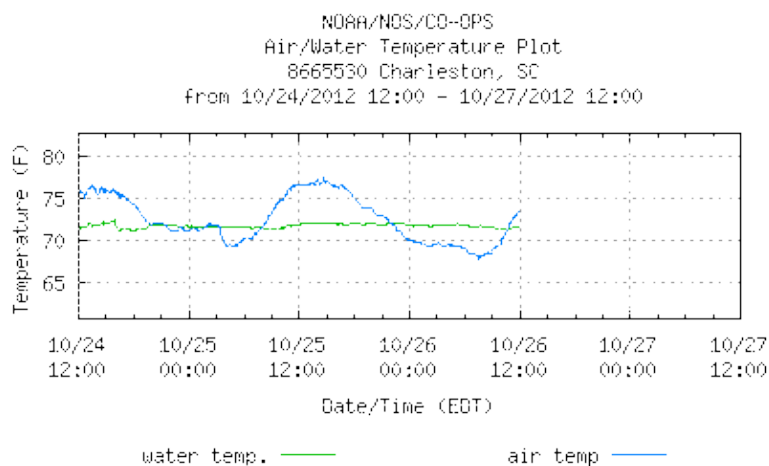
[Charleston, SC - Return to List](#)



Last Observed Sample: 10/26/2012 11:48 (EDT)

Barometric Pressure: 1012.9 mb

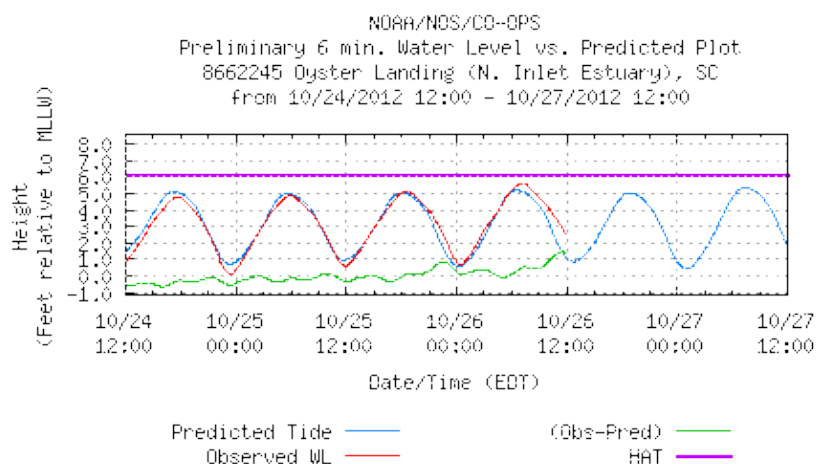
Charleston, SC - Return to List



Last Observed Sample: 10/26/2012 11:48 (EDT)

Water Temperature: 71.6° F Air Temperature: 73.4° F

Oyster Landing (N. Inlet Estuary), SC - Return to List

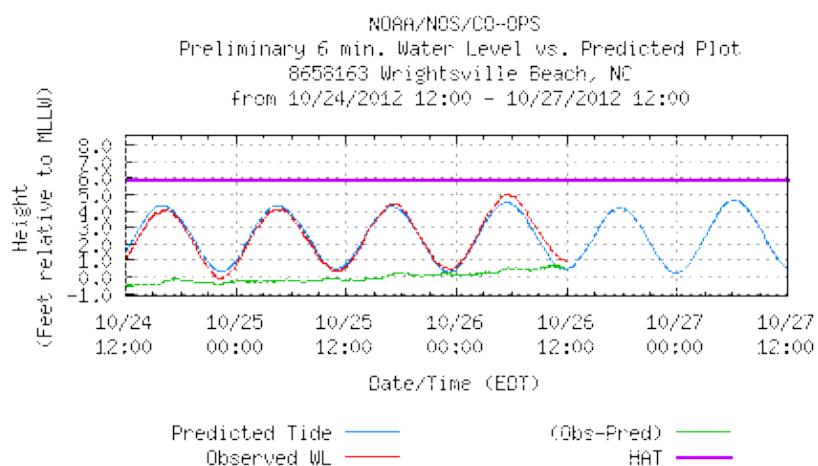


Last Observed Sample: 10/26/2012 11:48 (EDT)

Relative to MLLW: Observed: 2.61 ft. Predicted: 1.20 ft. Residual: 1.41 ft.

Historical Maximum Water Level: Aug 26 2011, 2.4 ft. above MHHW

Wrightsville Beach, NC - Return to List



Last Observed Sample: 10/26/2012 11:48 (EDT)

Relative to MLLW: **Observed: 0.99 ft.** **Predicted: 0.46 ft.** **Residual: 0.53 ft.**

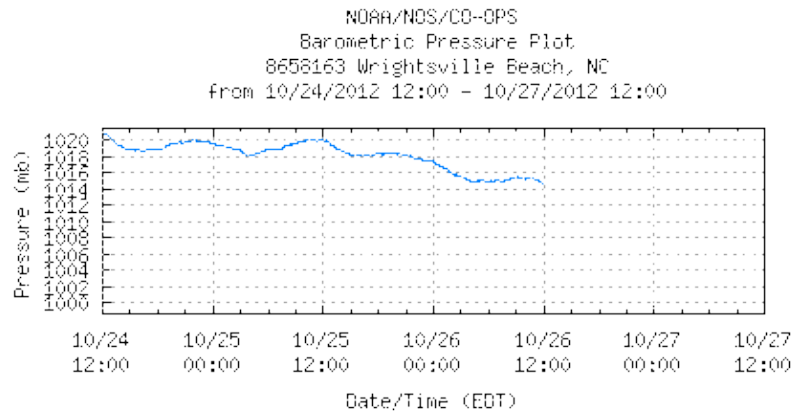
Historical Maximum Water Level: Sep 25 2008, 2.81 ft. above MHHW

Wrightsville Beach, NC - Return to List

Last Observed Sample: 10/26/2012 11:48 (EDT)

Wind Speed: 17 knots **Gusts: 21 knots** Direction: 6° T

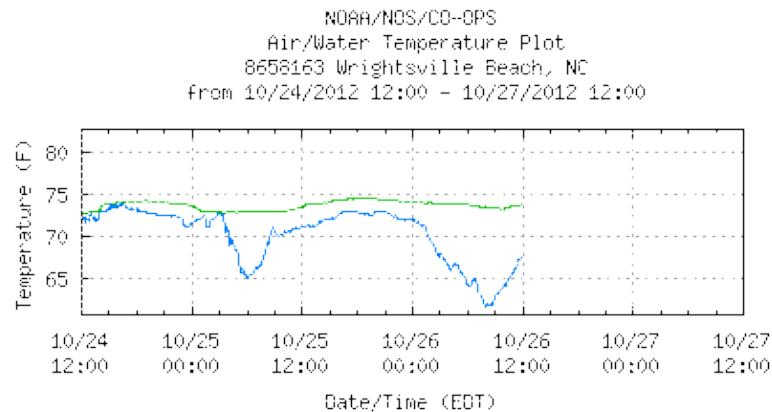
Wrightsville Beach, NC - Return to List



Last Observed Sample: 10/26/2012 11:48 (EDT)

Barometric Pressure: 1014.8 mb

Wrightsville Beach, NC - Return to List



Last Observed Sample: 10/26/2012 11:48 (EDT)

Water Temperature: 73.8° F Air Temperature: 67.5° F

Hurricane SANDY QuickLook, POSTED 12:00 EDT 10/26/2012

Center for Operational Oceanographic Products & Services (CO-OPS) | National Ocean Service (NOS)
National Oceanic and Atmospheric Administration | U.S. Department of Commerce